

ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF
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1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. N68936-99-D-0030-	2. DELIVERY ORDER/ CALL NO. 0001	3. DATE OF ORDER/CALL 2001May31	4. REQ./ PURCH. REQUEST NO. N60530-1100-AA0K	5. PRIORITY S1
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6. ISSUED BY COMMANDER NAWCWPNS, CODE 220000D 1 ADMINISTRATION CIRCLE CHINA LAKE CA 93555-6100	CODE N60530	7. ADMINISTERED BY DCM SANTA ANA 34 CIVIC CENTER PLAZA PO BOX C-12700 SANTA ANA CA 92712-2700	CODE S0513A	8. DELIVERY FOB <input checked="" type="checkbox"/> DEST <input type="checkbox"/> OTHER (See Schedule if other)
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9. CONTRACTOR LOCKHEED MARTIN SERVICES INC D.W SMITH 4151 N PECOS RD STE 207 LAS VEGAS NV 89115	CODE 08YH1	FACILITY	10. DELIVER TO FOB POINT BY (Date) SEE SCHEDULE	11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED
			12. DISCOUNT TERMS	13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15

14. SHIP TO SEE SCHEDULE	CODE	15. PAYMENT WILL BE MADE BY DFAS - COLUMBUS CENTER & MOCAS WEST ENTITLEMENTS PO BOX 182381 COLUMBUS OH 43218-2381	CODE HQ0339	MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.
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16. TYPE OF ORDER	DELIVERY/ CALL	X	This delivery order/call is issued on another Govt. agency or in accordance with and subject to terms and conditions of above numbered contract.
	PURCHASE		Reference your quote dated _____
			Furnish the following on terms specified herein.

ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMDD)
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☐ If this box is marked, supplier must sign Acceptance and return the following number of copies:

17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE See Schedule

18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES	20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT
SEE SCHEDULE					

* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle

24. UNITED STATES OF AMERICA BY: JOHN D WATKINS	25. TOTAL \$301,708.00
CONTRACTING / ORDERING OFFICER	29. DIFFERENCES

26. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED	27. SHIP NO. <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	28. DO VOUCHER NO.	30. INITIALS
DATE _____ SIGNATURE OF AUTHORIZED GOVT. REP. _____	31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	32. PAID BY	33. AMOUNT VERIFIED CORRECT FOR

36. I certify this account is correct and proper for payment. DATE _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER _____	34. CHECK NUMBER	35. BILL OF LADING NO.
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37. RECEIVED AT	38. RECEIVED BY	39. DATE RECEIVED (YYYYMMDD)	40. TOTAL CONTAINERS	41. S/R ACCOUNT NO.	42. S/R VOUCHER NO.
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SECTION B Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Quick Bolt Support				
	CPAF - As a participant on the team the Contractor shall develop software to be used for control of the receiver simulation, communication with the associated equipment external to the inert warhead section, recording of data during range testing, reporting of system status to external equipment, and equipment self-test. As a participant on the team, the Contractor shall provide documentation of software developed.				

PURCHASE REQUEST NUMBER N60530-1100-AA0K

ESTIMATED COST	
BASE FEE	
SUBTOTAL EST COST + BASE	
MAX AWARD FEE	
TOTAL EST COST + FEE	\$301,708.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000101	ACRN AA Funding Estimated Cost				
	CPAF -				
	Doc. No. N0001901WXCLA2R				
	PURCHASE REQUEST NUMBER N60530-1100-AAOK				
	ACRN AA Funded Amount				\$69,120.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
000102	ACRN AB Funding Base and Award Fee				
	CPAF -				
	Doc. No. N0001901WXCLA2R				
	PURCHASE REQUEST NUMBER N60530-1100-AAOK				
	ACRN AB Funded Amount				\$7,680.00

B-01 SEVERABILITY

This Task Order is Non-Severable.

SECTION C Descriptions and Specifications

The work under this Task Order shall be in accordance with the Statement of Work, Attachment (1).

SECTION E Inspection and Acceptance

CLAUSES INCORPORATED BY FULL TEXT

E-TXT-04 INSPECTION AND ACCEPTANCE (DESTINATION)

Inspection and acceptance of the supplies or services to be furnished hereunder shall be made at destination by the receiving activity.

SECTION F Deliveries or Performance

CLAUSES INCORPORATED BY FULL TEXT

F-TXT-01 CONTRACT PERIOD OF PERFORMANCE (SPECIFIC DATES)

Task Order period of performance is from Task Order Award through 28 February 2003.

SECTION G Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA:	1711319 J7JS 253 AA242 0 068342 2D 00806Q	A21850009990
AMOUNT:	\$69,120.00	
FUNDING	JOB ORDER NO	QUANTITY
ACRN: AA	C47HHG8DQB01 (Exp. 30 Sep 01)	
AMOUNT:		
AB:	1711319 J7JS 253 AA242 0 06842 2D 00806Q	A21850009990
AMOUNT:	\$7,680.00	
FUNDING	JOB ORDER NO	QUANTITY
ACRN: AA	C47HHG8DQB01 (Exp. 30 Sep 01)	
AMOUNT:		

SECTION H Special Contract Requirements

CLAUSES INCORPORATED BY FULL TEXT

H-01 SECURITY CLASSIFICATION

The performance of this Task Order may involve information up to the Security Classification of Secret.

All classified matter shall be handled in accordance with the Basic Contract, the Contract Security Classification Specification – DD254 attached to the Basic Contract and Attachment (1), Statement of Work.

H-TXT-02 DESIGNATION OF CONTRACTING OFFICER'S REPRESENTATIVE

(a) The Contracting Officer has designated:

NAME: Rosie Vorwerk

CODE: 535D000D

MAIL ADDRESS: NAVAIRWARCENWPNDIV

1 Administration Circle

China Lake, CA 93555-6100

TELEPHONE NO: (760) 939-0260

as the authorized Contracting Officer's Representative (COR) for this contract/order.

(b) The COR is responsible for monitoring the performance and progress, as well as overall technical management of the orders placed hereunder and should be contacted regarding any questions or problems of a technical nature. In no event, however, will any understanding or agreement, modification, change order, or other matter deviating from the terms of the contract between the Contractor and any person other than the Contracting Officer be effective or binding upon the Government, unless formalized by proper contractual documents executed by the Contracting Officer prior to the completion of this contract.

(c) When, in the opinion of the Contractor, the COR requests effort outside the scope of the contract, the Contractor will promptly notify the Contracting Officer in writing. No action will be taken by the Contractor under such technical instruction until the Contracting Officer has determined if such effort is within the contract scope, and, if not, has issued a contract change.

H-TXT-03 DESIGNATION OF GOVERNMENT TECHNICAL ASSISTANT

(a) The Contracting Officer hereby designates the following as Technical Assistant for this contract:

NAME: Rich Fowler

CODE: 47HH00D

MAIL ADDRESS: NAVAIRWARCENWPNDIV

1 Administration Circle

China Lake, CA 93555-6100

TELEPHONE NO.: (760) 939-2045

(b) The above person is responsible for monitoring the technical performance and progress of this contract and should be contacted regarding questions or problems of a technical nature. In no event, however, will any understanding or agreement, modification, change order, or other matter deviating from the terms of the contract between the Contractor and any person other than the Contracting Officer be effective or binding upon the Government, unless formalized by proper contractual documents executed by the Contracting Officer.

(c) When, in the opinion of the Contractor, the technical assistant or any other Government representative requests effort outside the scope of the contract, the Contractor will promptly notify the Contracting Officer in writing.

(d) On all problems that pertain to contract terms and conditions, the Contractor shall contact the Contracting Officer, Mary Jacobs, (760) 939-6043.

SECTION I Contract Clauses

CLAUSES INCORPORATED BY REFERENCE:

52.232-20 Limitation Of Cost
52.232-22 Limitation Of Funds

APR 1984
APR 1984

SECTION J List of Documents, Exhibits and Other Attachments

Section J Table Of Contents

DOCUMENT TYPE	DESCRIPTION	PAGES	DATE
Exhibit _	CDRL	1	MAY-18-2001
Attachment 1	Statement of Work	3	MAY-18-2001
Attachment 2	Integrated Product Baseline	1	MAY-29-2001
Attachment 3	Award Fee Schedule	1	MAY-29-2001

STATEMENT OF WORK FOR QUICK BOLT ACTD SUPPORT

06 APRIL 2001

BACKGROUND: The Quick Bolt Advanced Concept Technical Demonstration (ACTD) is a program to add network-centric warfare capability to the HARM weapon system. The Anti-Radiation Missile (ARM) Program Office, NAWCWD Code 47HH00D, is providing simulation and test support to the prime contractor, Science and Applied Technology, Inc., in support of this technology demonstration. A Government-Contractor team will design, develop and test this hardware and software.

One of the test support assets for the program is a modified HARM Captive Training Missile (CATM). The CATM will be modified to add a simulation of the receive component of the Quick Bolt system. In addition, the CATM will be modified to provide data recording, telemetry, and interfaces to the other component of the Quick Bolt system. An embedded general-purpose computer in the inert warhead section of the CATM will be used for control of the receiver simulation and data recording.

1.0 SCOPE: As a participant on the team the Contractor shall develop software to be used for control of the receiver simulation, communication with the associated equipment external to the inert warhead section, recording of data during range testing, reporting of system status to external equipment, and equipment self-test. As a participant on the team, the Contractor shall provide documentation of software developed.

2.0 APPLICABLE DOCUMENTS

The following documents are applicable in the performance of this SOW.

- 2.1 Quick Bolt ACTD requirements documents.
 - 2.1.1 Quick Bolt Functional Requirements Document (FRD), dtd. 12/5/00
 - 2.1.2 Development Requirements for HARM CATM-88 Receiver Section
- 2.2 Most current Quick Bolt Integrated Project Baseline (IPB)

3.0 REQUIREMENTS:

- 3.1 The Contractor shall develop and test software in support of the Quick Bolt ACTD in the C and C++ programming languages. Work will include multi-tasking, real time, PCI based, embedded application development using a real time Linux operating system in accordance with Quick Bolt ACTD requirements documents and the most current Quick Bolt IPB (Appl Docs 2.1.1, 2.1.2 and 2.2)
- 3.2 The Contractor shall document the developed software. The Contractor shall document changes and revise and update other HARM and Quick Bolt documents affected by the software development in accordance with Quick Bolt ACTD requirements documents and the most current Quick Bolt IPB (Appl Docs 2.1.1, 2.1.2 and 2.2)
- 3.3 The Contractor shall provide maintenance of the developed software during integration and development testing. The Contractor shall modify and document software corrections and updates identified during software maintenance in accordance with Quick Bolt ACTD requirements documents and the most current Quick Bolt IPB (Appl Docs 2.1.1, 2.1.2 and 2.2)

STATEMENT OF WORK FOR QUICK BOLT ACTD SUPPORT

06 APRIL 2001

4.0 SPECIAL CONSIDERATIONS

4.1 Government Furnished Items.

4.1.1 **Facilities:** The contractor shall perform tasks in Thompson Laboratory (Building 31433), Anti-Radiation Laboratory (Building 31440) and the F-18 Advanced Weapons Laboratory (Building 20279). The facilities, workstations, and peripherals will be made accessible for use in performance of this Task Order.

4.1.2 The Quick Bolt weapon specifications, HARM Weapon system specifications and drawings for relevant missile, missile sections, launcher, avionics, and software which are housed in the HARM Weapons system documents library will be made accessible for use in performance of this Task Order.

4.1.3 **Materials:** None

4.2 **Travel:** The contractor will be required to travel in the performance of this Task Order. The Government estimates travel to consist of the travel called out in applicable document 2.2 Most current Quick Bolt Integrated Project Baseline (IPB). The contractor is expected to adjust resources to comply with the monthly changing, most current Quick Bolt Integrated Project Baseline (IPB), applicable document 2.2.

Over the life of the task order, the contractor may be required to travel to the following sites one or more times. Depending on the actual requirement, the Team traveling will vary mix wise (Government, contractor).

Estimated travel locations are as follows:

6 trips to Woodland Hills, California

3 trips to San Diego, California

4.3 **Security:** The performance of this Task Order is classified at the level of Secret.

4.4 **Performance Schedule:** Tasks associated with the performance of this contract are scheduled for 21 months from award date. Tasks shall commence and end according to delivery schedule as stated in the Quick Bolt IPB.

4.5 Technical Coordinator:

The Technical Coordinator for this task order is:

Richard Fowler
Code 47HH00D
NAWCWD, China Lake, CA
(760) 939-2045
fowlerra@navair.navy.mil

STATEMENT OF WORK FOR QUICK BOLT ACTD SUPPORT

06 APRIL 2001

4.6 Deliverables:

4.6.1 Monthly Status Reports: In support of this task order, the contractor shall deliver a monthly Cost, Schedule and Status Report (C/SSR) in accordance with **CDRL A001**. The Contractor will deliver a monthly status report that includes a summary of work performed, problems encountered, problems resolved, current schedules and information, including period and cumulative funds/hours expended. This report will be provided to the Technical Coordinator no later than 10 working days following the end of the Contractor's monthly accounting period.

Quick Bolt
Integrated Project Baseline (IPB)
(Applicable Document 2.2) (Plan as of 28 May 01)

ACTIVITY ID	ACTIVITY TITLE	START	FINISH	GOVT HRS ESTIMATE	GOVT COST ESTIMATE	PROPOSED HOURS	BASE COST	ANY ON A PROFIT & OTHER	FULLY BURDENED COST TO GOVT	PERFORMING COMPANY	PERFORMER (OPTIONAL)	NOTES
	Quick Bolt ACTD											
	Requirements	1-May-01	4-Jun-01							LMSI	D. Teedall	Hours proposed reflect Lockheed Martin's estimate to perform required tasks as defined in SOW and with reference to email from Mary Jacobs on 4/12/01.
	Development	7-Jun-01	7-May-02							LMSI	D. Teedall	
	Integration	8-May-02	30-Sep-02							LMSI	D. Teedall	
	Test Support	1-Oct-02	28-Feb-03							LMSI	D. Teedall	
	SUB-TOTAL											
	PROGRAM MANAGEMENT	1-May-01	28-Feb-03							LMSI		
	TRAVEL											
	FY01	1-May-01	30-Sep-01							LMSI		
	FY02	1-Oct-01	30-Sep-02							LMSI		
	FY03	1-Oct-02	28-Feb-03							LMSI		
	SUB-TOTAL											
	TOTAL											

CES AWARD FEE
Contractor Fee Calculation Worksheet
Prepared 29 MAY 01

TASK ORDER: _____ TASK ORDER TITLE: Quick Bolt Development

TOTAL AVAILABLE AWARD FEE: 0001 [REDACTED]

AVAILABLE AWARD FEE ALLOCATION BY PERIOD:

PERIOD (6 mos each)	FROM (date)	TO (date)	PERCENTAGE OF TOTAL FEE	AVAILABLE AWARD FEE	EVENT/MILESTONE TO SUCCESSFULLY COMPLETE
1	Date of Award	30-Sep-01	[REDACTED]	[REDACTED]	
2	01-Oct-01	31-Mar-02	[REDACTED]	[REDACTED]	
3	01-Apr-02	30-Sep-02	[REDACTED]	[REDACTED]	
4	01-Oct-02	31-Mar-03	[REDACTED]	[REDACTED]	
5					
6					
7					
8					
9					
10					
			100%	[REDACTED]	Total Award Fee Available

Numbers in "PERCENTAGE OF TOTAL FEE" column must be integer numbers. Sum of "PERCENTAGE OF TOTAL FEE" column must equal 100.
 If numbers in the "AVAILABLE FEE POOL" column are not integer numbers (whole dollars without cents, those figures shall be truncated to whole dollars)